



Correction: Loss of PGC-1 α in RPE induces mesenchymal transition and promotes retinal degeneration

Mariana Aparecida Brunini Rosales^{1,2} , Daisy Y Shu^{1,2} , Jared Iacovelli^{1,2}, Magali Saint-Geniez^{1,2} 

¹Schepens Eye Research Institute of Massachusetts Eye and Ear, Boston, MA ²Department of Ophthalmology, Harvard Medical School, Boston, MA

DOI <https://doi.org/10.26508/lsa.201900436> | Received 23 May 2019 | Accepted 23 May 2019 | Published online 29 May 2019

See original article: Loss of PGC-1 α in RPE induces mesenchymal transition and promotes retinal degeneration, 2(3), 2019.

Following publication, the authors realized that [Table 1](#) inadvertently missed some primer sequences and contained primer sequences for genes not tested in this study. The table has now been replaced with the correct one. The authors regret any confusion this may have caused. Both the HTML and PDF versions of the article have been corrected. The corrected table is given below.

Table 1. Primer sequences for qPCR.

Gene symbol	Gene name	Forward sequence (5'-3')	Reverse sequence (5'-3')
Human primers			
<i>ATG4D</i>	Autophagy related 4D cysteine peptidase	CTCAACCCCGTGATGTGC	TACAGTGAGTGTGCGGGTTT
<i>ATG9B</i>	Autophagy related 9B	GCTACTGGGACATCCAGGTG	AAGAGGGCGGACTGCAC
<i>CAT</i>	Catalase	ACTTTGAGGTCACACATGACATT	CTGAACCCGATTCTCCAGCA
<i>FIS1</i>	Mitochondrial fission 1 protein	TGACATCCGTAAGGCATCG	CTTCTCGTATTCTTGAGCCG
<i>GPX</i>	Glutathione peroxidase 1	CCAGTCGGTGATGCCTTCTC	GAGGGACGCCACATTCTCG
<i>HMOX1</i>	Heme oxygenase 1	GCCAGCAACAAAGTGCAAG	GAGTGTAAAGACCCATCGGA
<i>HPRT1</i>	Hypoxanthine phosphoribosyltransferase 1	CCTGGCGTCGTGATTAGTGAT	AGACGTTGAGTCTGTCCATAA
<i>LAMP1</i>	Lysosomal-associated membrane protein 1	ACGTTACAGCGTCCAGCTCAT	TCTTTGGAGCTCGCATTGG
<i>MAP1LC3B</i>	Microtubule associated protein 1 light chain 3 beta	GAGAAGACCTTCAAGCAGCG	TATCACCGGGATTTGGTTG
<i>MCOLN1</i>	Mucolipin 1	TTGCTCTGCGCAGCGTACTA	GCAGTCAGTAACCAACATCGGA
<i>MFN2</i>	Mitofusin 2	ATGTGGCCCAACTCTAAGTG	CACAACACATCAGCATCCAG
<i>PPARGC1A</i>	Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	AGCCTCTTGGCCAGATCTT	CTGATTGGTCACTGCACCAC
<i>PPARGC1B</i>	Peroxisome proliferator-activated receptor gamma, coactivator 1 beta	CCACATCTACCCAACATCAAG	CACAAGGCCGTTGACTTTTAGA
<i>POLG</i>	DNA polymerase gamma, catalytic subunit	GAAGGACATTCGTGAGAACTTC	GTGGGGACACCTCTCCAAG
<i>PPIA</i>	Peptidylprolyl isomerase A	CAGACAAGGTCCCAAAGACAG	TTGCATCCAACCACTCAGTC
<i>PRC</i>	PPARG related coactivator 1 (PPRC1)	GTGGTTGGGGAAGTCAAG	TGACAAAGCCAGAATCACCC
<i>SOD1</i>	Superoxide dismutase 1, soluble	AGGGCATCATCAATTCGAGC	GCCCACCGTGTCTTCTGGA
<i>SOD2</i>	Superoxide dismutase 2, mitochondrial	CAGACCTGCCTACGACTATGG	CGTTCAGGTTGTTACGATAGG
<i>SIRT1</i>	Sirtuin 1	TCAGTGTCATGTTCTTTGC	AATCTGCTCCTTGGCACTCT
<i>SIRT3</i>	Sirtuin 3	TGGAAAGCCTAGTGGAGCTTCTGGG	TGGGGGAGCCATCATCTATTGT
<i>TFAM</i>	Transcription factor a, mitochondrial	CCATATTTAAAGCTCAGAACCCAG	CTCCGCCTATAAGCATCTTG
<i>TP53</i>	Tumor protein p53	TCAACAAGATGTTTTGCCAACTG	ATGTGCTGTACTGCTGTAGATG
<i>TXN2</i>	Thioredoxin 2	TGATGACCACACAGACCTCG	ATCCTTGATGCCCAAACT
<i>TWIST1</i>	Twist family BHLH transcription factor 1	CGGAGAAGCTGAGCAAGATT	TGGAGGACTGGTAGAGGAA
<i>VIM</i>	Vimentin	GAGAAGTTTGGCGTTGAAGC	TCCAGCAGCTTCTGTAGGT-3
<i>WIP1</i>	WD repeat domain, phosphoinositide interacting 1	CCTCTGGATATTCTGCAA	GCACAATCTCCCCTGAAGTC
<i>ZEB1</i>	Zinc finger E-box binding homeobox 1	AGTGATCCAGCCAAATGGAA	TTTTTGGGCGGTGTAGAATC
<i>ZEB2</i>	Zinc finger E-box binding homeobox 2	AACAAGCCAATCCCAGGAG	GTTGGCAATACCGTCATCCT
Mouse primers			
<i>Hprt1</i>	Hypoxanthine phosphoribosyltransferase 1	TCAGTCAACGGGGACATAAA	GGGGCTGTAAGTCTTAACCAG
<i>Ppargc1a</i>	Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	AGCCGTGACCACTGACAACGAG	GTCGCATGGTCTGAGTGCTAAG
<i>Ppargc1b</i>	Peroxisome proliferator-activated receptor gamma, coactivator 1 beta	CCCAGCGTCTGACGTGGACGAGC	CCTTCAGAGCGTCAGAGCTTGCTG
<i>Ppia</i>	Peptidylprolyl isomerase A	GAGCTGTTGCGACAAAGTTC	CCCTGGCACATGAATCCTGG



License: This article is available under a Creative Commons License (Attribution 4.0 International, as described at <https://creativecommons.org/licenses/by/4.0/>).